

What is claimed is:

1. A system for routing communication events over a data-packet-network using an IP session initiation protocol (SIP) comprising:

5 a server application running on the network for computing and serving routing determinations per request;

a session management application running on the network for initiating and managing routed and established session events;

10 a parsing application running on the network for parsing request data received under SIP; and

a conversion application running on the network for converting data received under SIP into a routing request;

15 characterized in that all received communication requests for routing are in the form of the SIP, are parsed and converted into routing requests processed by the server application, and routed to determined destinations, and wherein events are established as session events conducted under the SIP.

20 2. The system of claim 1 wherein the data-packet-network comprises the Internet network.

3. The system of claim 2 wherein the Internet network further connects to a LAN network.

25 4. The system of claim 1 wherein the software suite controls internal routing within a communication center.

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5. The system of claim 1 wherein the session management application follows SIP protocols.

6. The system of claim 4 wherein the communication events are sourced from clients of the center and routed to agents or automated systems at work within the center

7. A method for intelligent routing of communication events from a source to a destination over a data-packet-network using a session initiation protocol (SIP) comprising:

- (a) receiving a request at a routing point for establishing a session event, the request in the format of the SIP;
- (b) parsing the request for body content and header information;
- (c) converting the parsed data into a formal routing request of a form generic to a routing determination software;
- (d) determining the best destination according to the request and returning the result to the routing point; and
- (e) establishing the communication event between the source party and the determined destination under the SIP.

8. The method of claim 7 wherein the data-packet-network comprises the Internet network.

9. The method of claim 8 wherein the Internet network further connects to a LAN network.

10. The method of claim 7 practiced within a communication center.

11. The method of claim 7 wherein in step (a) the routing point is a proxy server and the session initiation and management protocol is SIP protocol.

5 12. The method of claim 7 wherein in step (b) the body content of the request is an electronic form populated by the requesting party.

13. The method of claim 7 wherein in step (d) additional information pertinent to the requesting party not originally part of the request is obtained passed back to the routing point along with the determination results.

10 14. The method of claim 7 wherein in step (e) the routing point establishes and maintains the session until a party of the session terminates the session.

15 15. The method of claim 7 wherein in step (e) the session is established and maintained by a network-connected node other than the routing node.

FOOTNOTES